CircularSaw & Profiling Technology

DWK 700

Flexible double arbor circular saw
for primary and secondary breakdown
with excess height cutters

EWD
The SawLine Company™

Flexible double arbor circular saw for primary and secondary breakdown

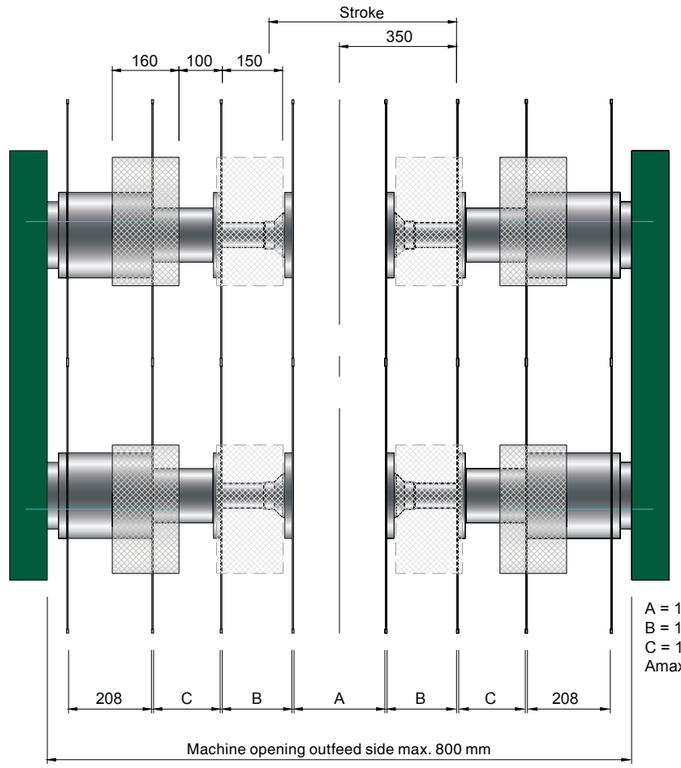
with excess height cutters with hydraulically height-adjustable saw arbors

The flexible double arbor circular saw unit DWK 700 is used as primary-, secondary break down or combination machine in medium to large sawmills. In total 6 pairs of saw heads can be positioned individually with very precise servo setworks.

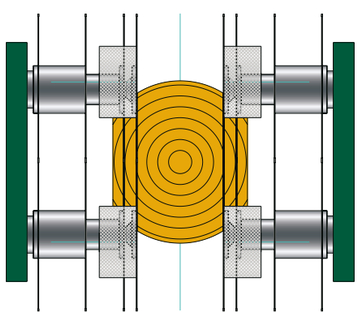
For a uniform distribution of the actual sawing heights on top and bottom saw blades, the saw arbors are automatically positioned in height. For the use as primary break down machine the DWK 700 is equipped with excess height cutters, which are height adjusted together with the saws.

This tool arrangement makes a very efficient sawing operation possible, even for larger logs.

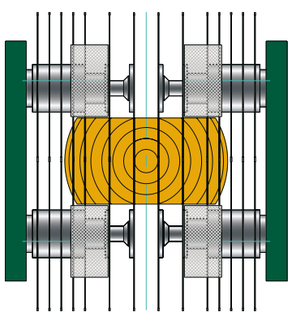
Saw positioning distances (in mm)



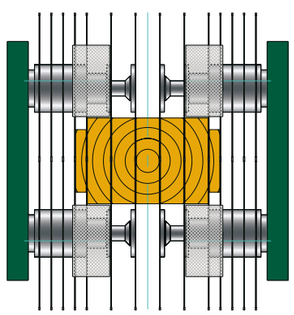
Application examples DWK 700



Primary break down

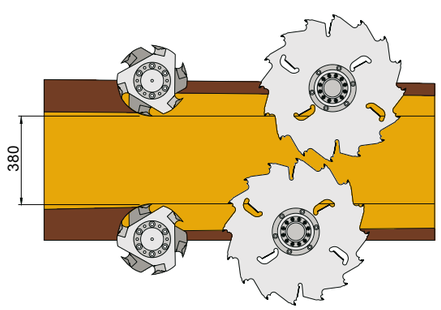


Secondary break down

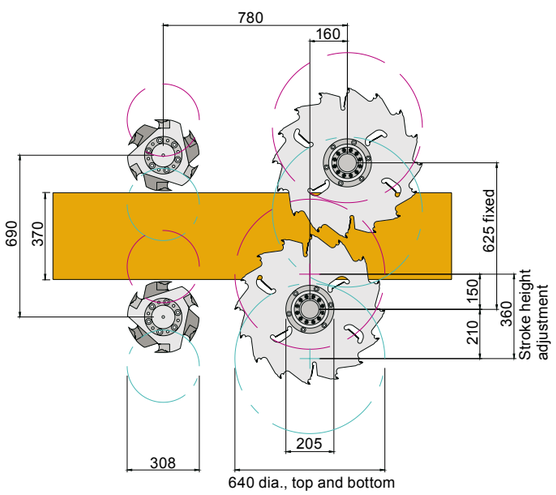


Cant and Profile resawing

Saw arbor height adjustment distances (in mm)



Primary breakdown

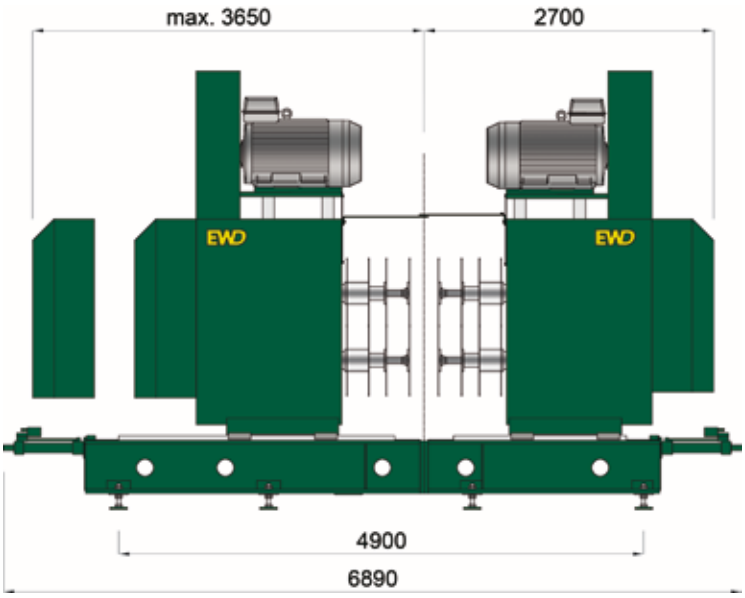


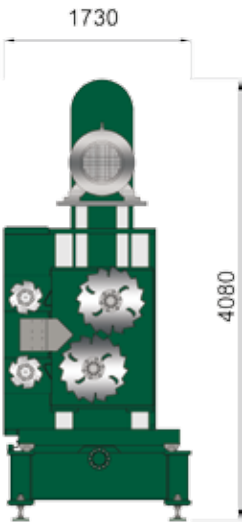
Secondary breakdown

Technical data

Model		DWK 700
Log diameter (discribed in a tube) max.	mm	700 (800)
Log/cant length min.	m	2,5
Sawing height in primary breakdown with excess height cutters	mm	380
Sawing height in secondary breakdown	mm	48 - 370
Saw sleeve length for fix-mounted saws per side	mm	208
Saw-sleeve diameter	mm	205
Machine opening outfeed max.	mm	800
Saw blade diameter top and bottom	mm	640
Feed Speed max.	m/min	100
Drive motor size	kW	2x132 - 2x250 (@ 1500 rpm)
Machine weight with drive motors (2x200kW)	t	25
Excess height cutters		
Cutter head diameter	mm	308
Cutter head width	mm	160
Cutter drive motor	kW	4x30 - 4x37 (@ 3000 rpm)

Dimensions (in mm)





Due to constant product improvements or developments the illustrations and specifications contained in this brochure are subject to change without notice.

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